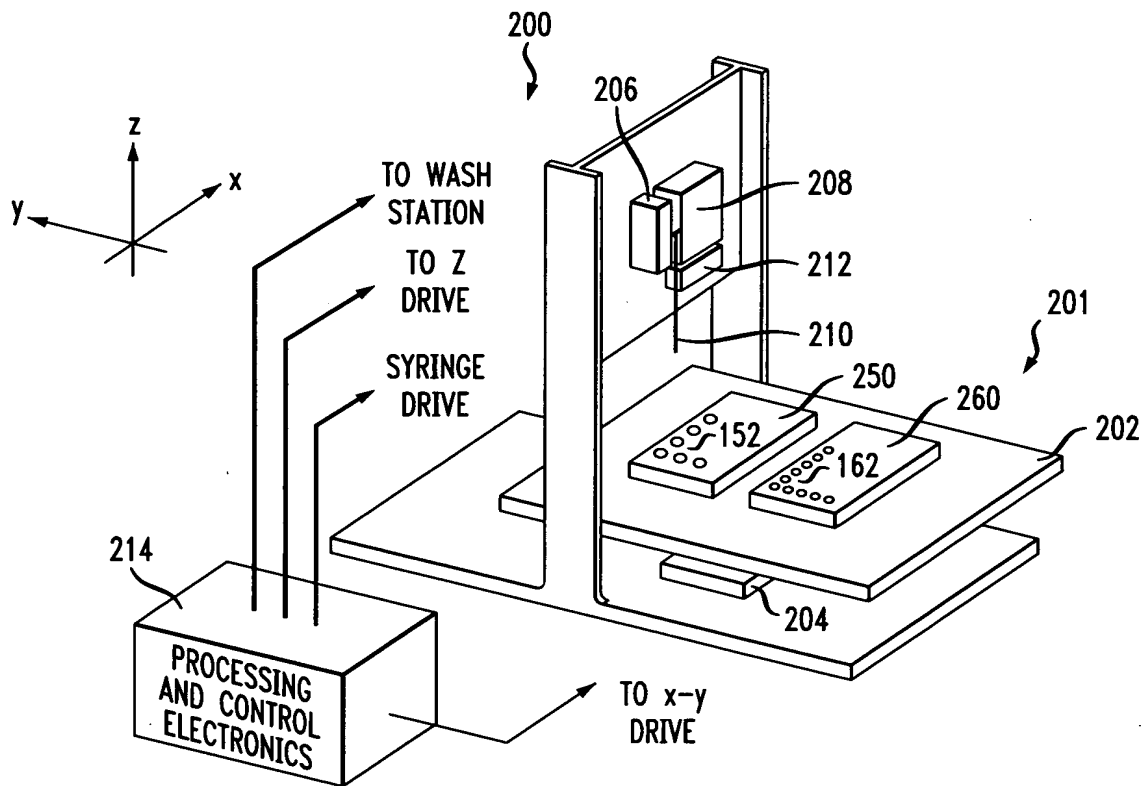
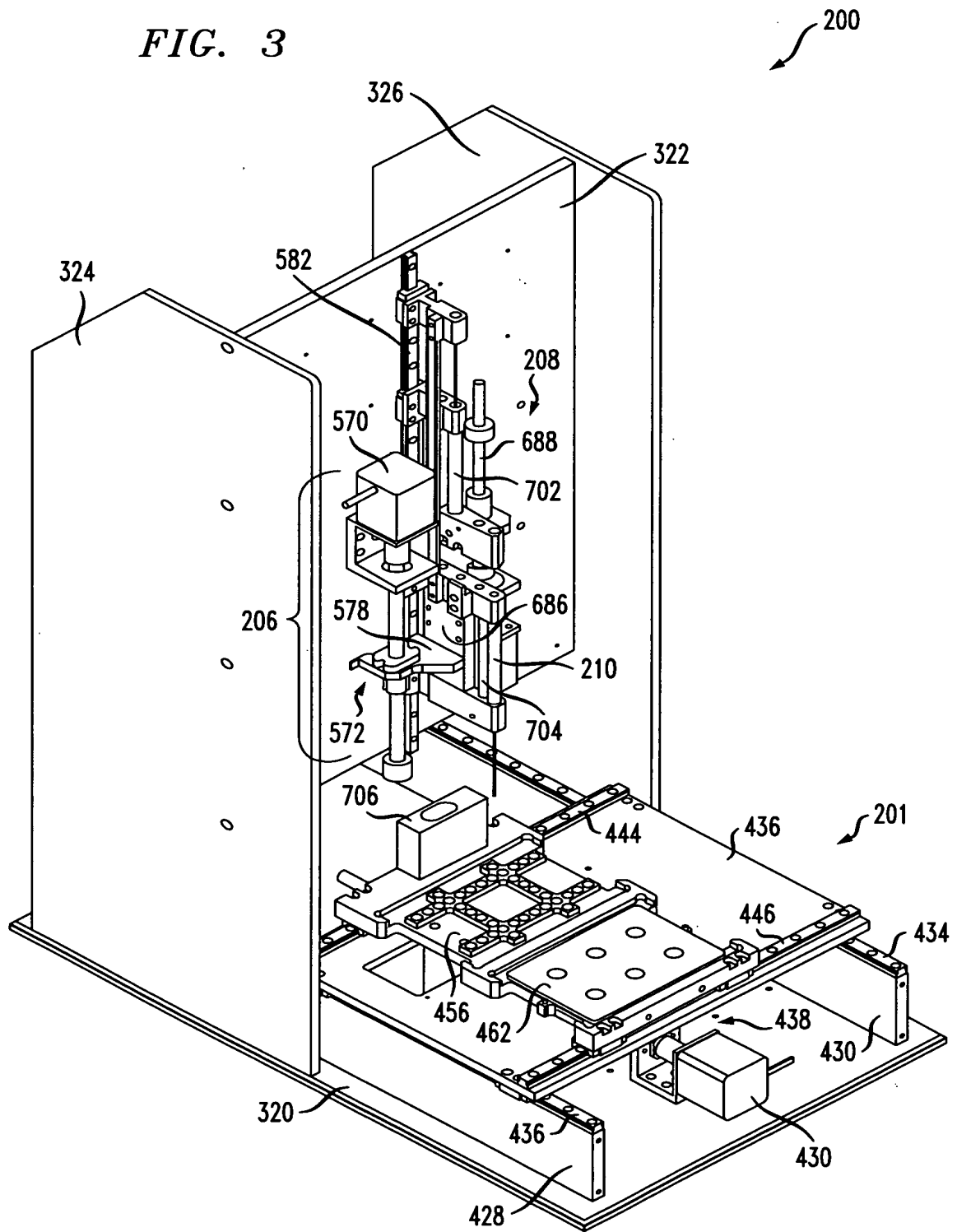


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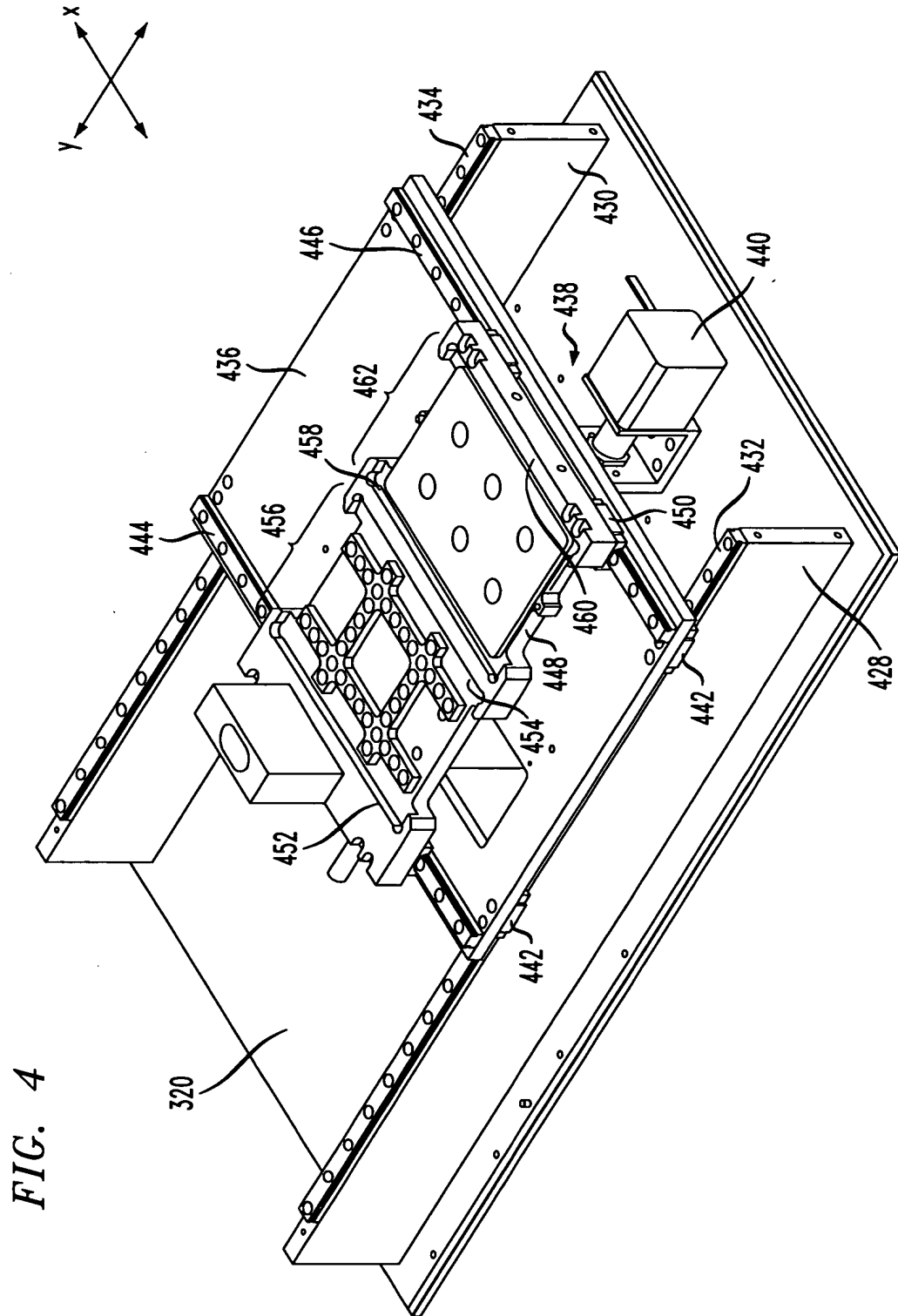
*FIG. 2*



*FIG. 3*

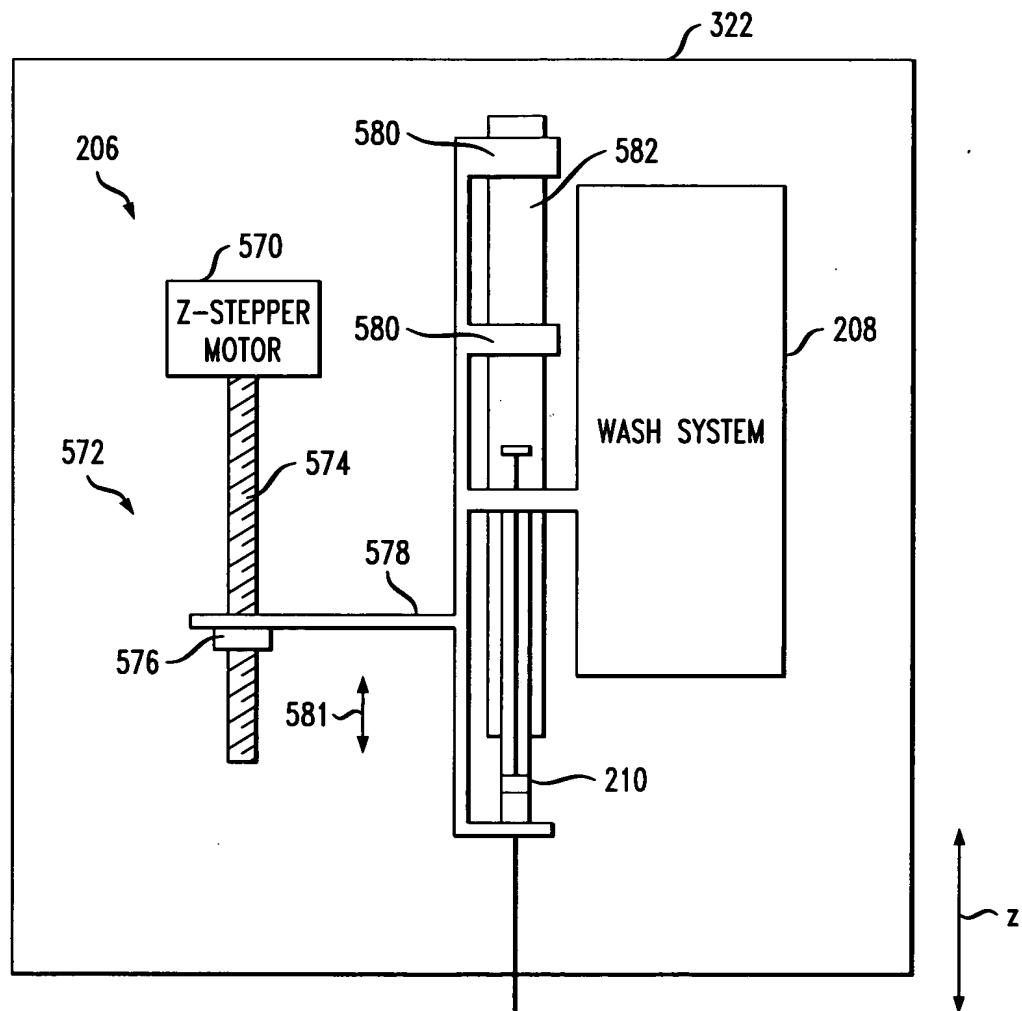


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FIG. 5



A schematic diagram of a Z-axis stage 206. It features a Z-STEPPER MOTOR 570 connected to a vertical shaft 578. This shaft is part of a larger assembly 684 that includes an S-STEPPER MOTOR. The assembly 684 is mounted on a base 210 and includes a vertical guide 211. A horizontal plate 690 is positioned at the top of the guide 211, with a small component 694 on its top surface. A vertical arrow 696 indicates the Z-axis movement of the plate 690. A horizontal arrow 688 indicates the X-axis movement of the assembly 684. A vertical double-headed arrow labeled 'RM' indicates a range of motion. A vertical double-headed arrow labeled 'z' is shown at the bottom right of the diagram.



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FIG. 8C

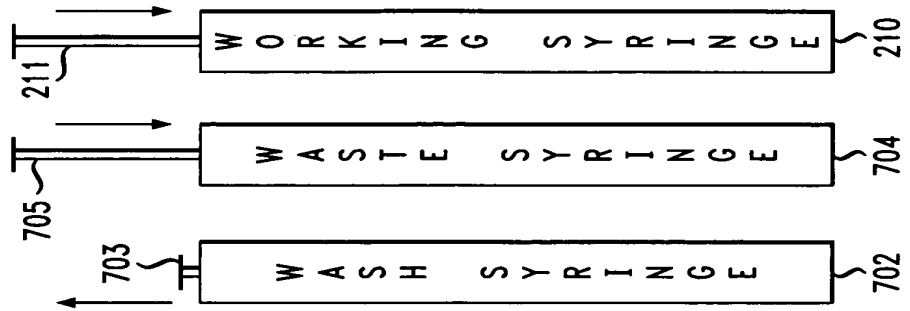


FIG. 8B

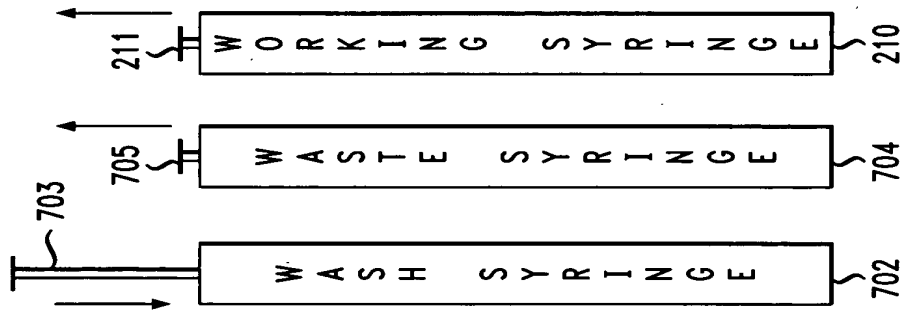
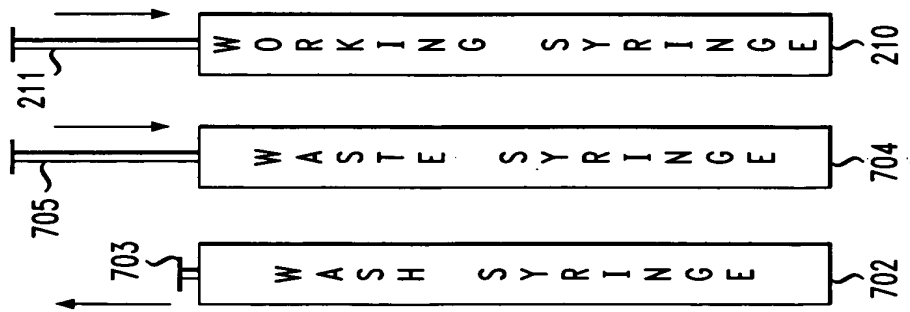
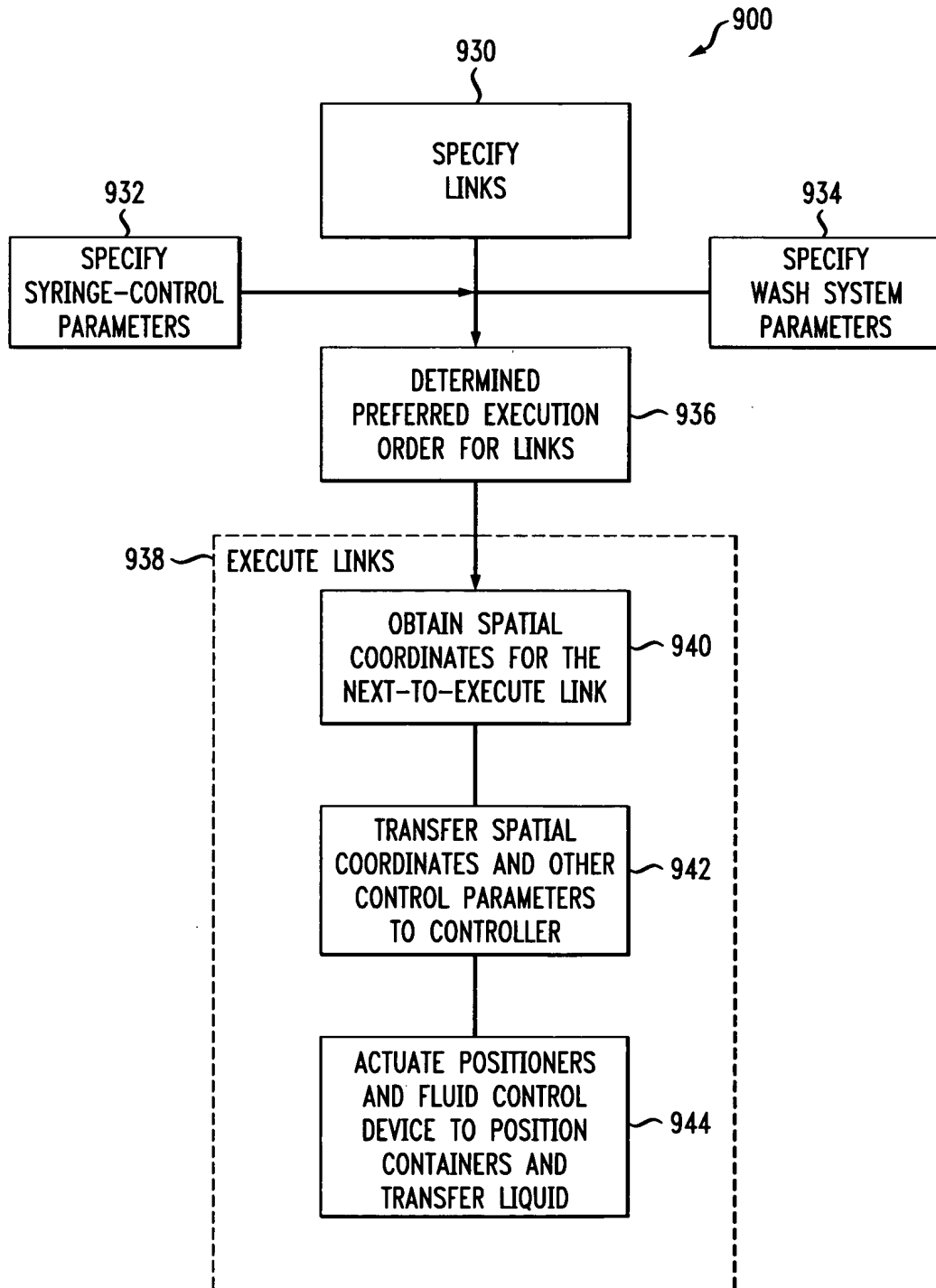


FIG. 8A



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*FIG. 9*



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FIG. 10

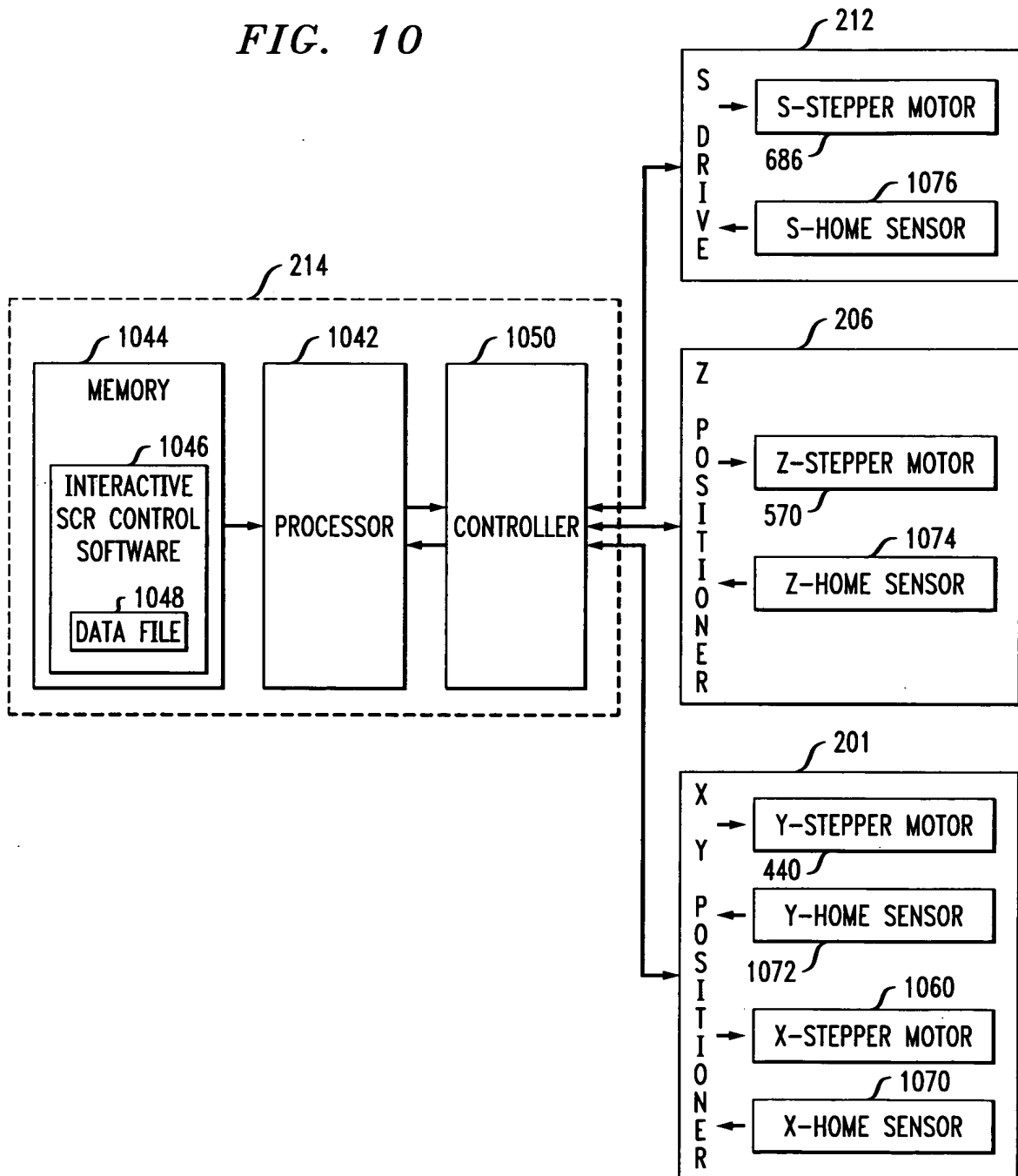
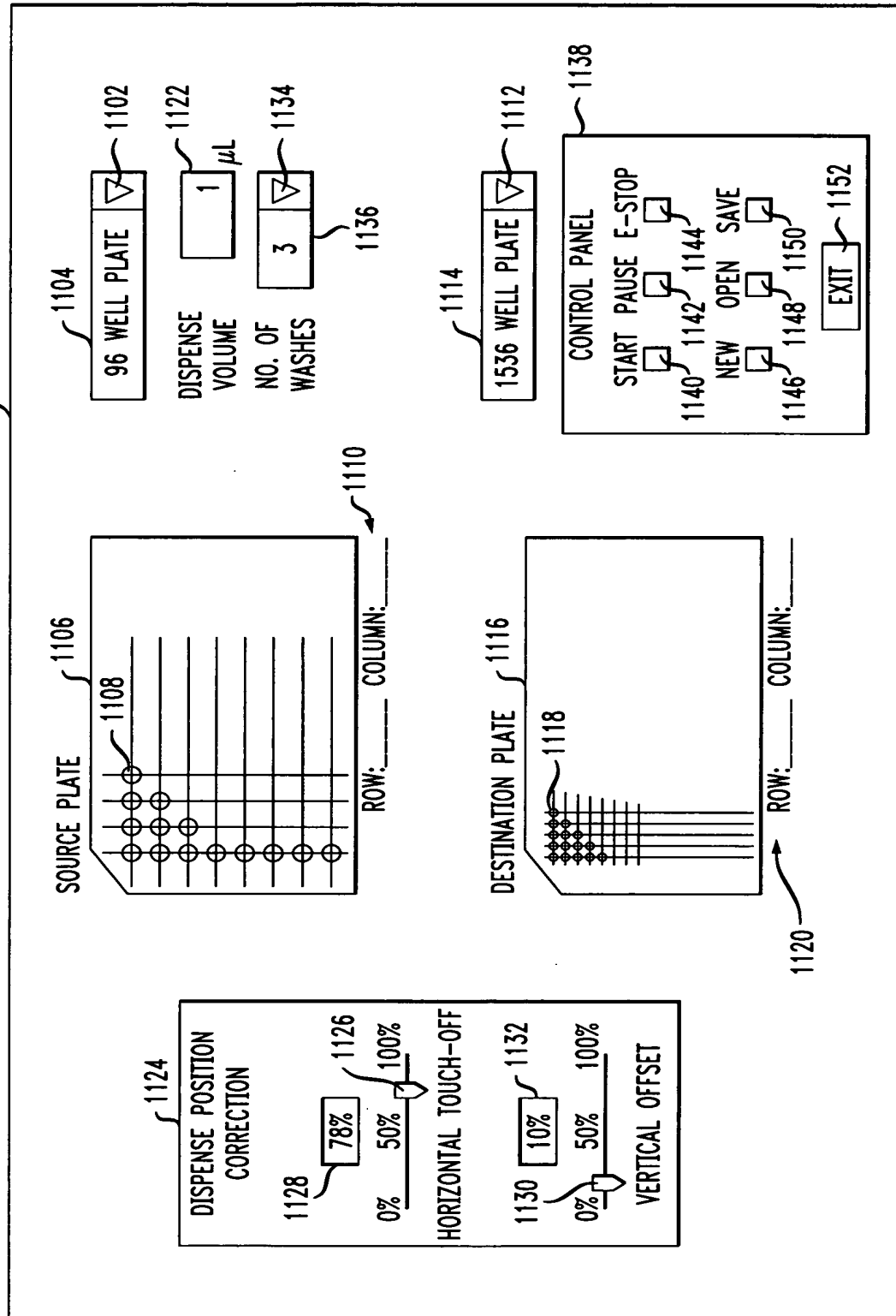


FIG. 11



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FIG. 13

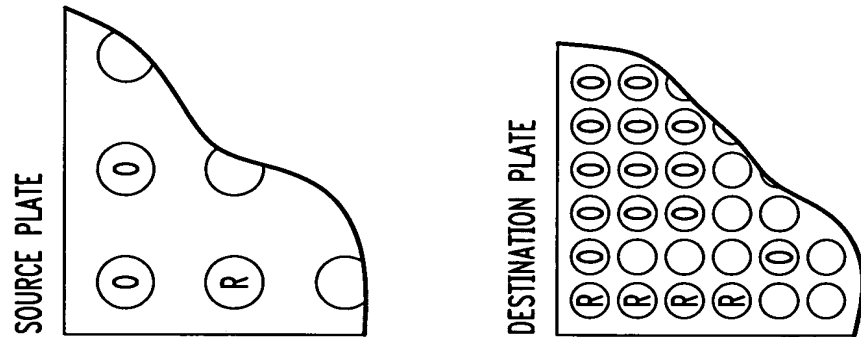
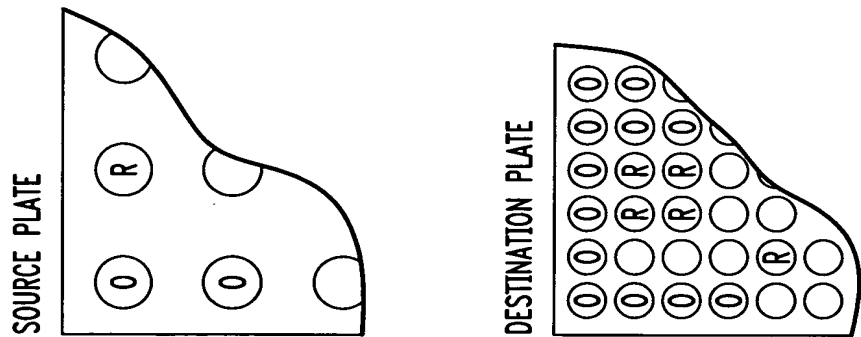


FIG. 12



*FIG. 14*

